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(FILE 'HCAPLUS' ENTERED AT 12:46:03 ON 24 JAN 2003)

L5 5 S L3 AND (ANTIBOD? OR IMMUNOGLOBULIN# OR HAPTEN# OR EPITOPE#)
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HAPTEN# OR EPITOPE#)

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L5 ANSWER 1 OF 5 HCAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 2002:90102 HCAPLUS
DOCUMENT NUMBER: 136:146183
TITLE: Nucleic acid and protein compositions and methods for
the diagnosis and treatment of disorders involving
angiogenesis
INVENTOR(S): Baker, Kevin P.; Ferrara, Napoleone; Gerber,
Hanspeter; Gerritsen, Mary E.; Goddard, Audrey;
Godowski, Paul J.; Gurney, Austin L.; Hillan, Kenneth
J.; Marsters, Scot A.; Pan, James; Paoni, Nicholas F.;
Stephan, Jean-Philippe F.; Watanabe, Colin K.;
Williams, P. Mickey; Wood, William I.; Ye, Weilan
PATENT ASSIGNEE(S): Genentech, Inc., USA
SOURCE: PCT Int. Appl., 567 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 113
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002008284	A2	20020131	WO 2001-US21735	20010709
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WO 2001009327	A3	20010802		
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 WO 2001016319 A2 20010308 WO 2000-US23522 20000823
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PRIORITY APPLN. INFO.:

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AB Nucleic acid and protein compns. and methods are disclosed for stimulating or inhibiting angiogenesis and/or cardiovascularization in mammals, including humans. Thus, 187 cDNAs and their encoded protein sequences isolated from human cDNA libraries are identified by extracellular domain homol. screening, amylase screening, and signal algorithm anal. The pharmaceutical compns. are based on polypeptides or antagonists thereto that have been identified for one or more of these uses. Disorders that can be diagnosed, prevented, or treated by the compns. herein include trauma such as wounds, various cancers, and disorders of the vessels including atherosclerosis and cardiac hypertrophy. Also provided herein are vectors and host cells comprising those nucleic acid sequences, chimeric polypeptide mols. comprising the polypeptides of the present invention fused to heterologous polypeptide sequences, **antibodies** which bind to the polypeptides of the present invention, and to methods for producing the polypeptides of the present invention.

L5 ANSWER 2 OF 5 HCAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 2002:10508 HCAPLUS

DOCUMENT NUMBER: 136:65268

TITLE: Human nucleic acid and encoded protein compositions and methods for the diagnosis and treatment of disorders involving angiogenesis

INVENTOR(S): Baker, Kevin P.; Ferrara, Napoleone; Gerber, Hanspeter; Gerritsen, Mary E.; Goddard, Audrey; Godowski, Paul J.; Gurney, Austin L.; Hillan, Kenneth J.; Marsters, Scot A.; Pan, James; Paoni, Nicholas F.; Stephan, Jean-philippe F.; Watanabe, Colin K.; Williams, P. Mickey; Wood, William I.; Ye, Weilan

PATENT ASSIGNEE(S): Genentech, Inc., USA

SOURCE: PCT Int. Appl., 565 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 113

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AB Compns. and methods are disclosed for stimulating or inhibiting angiogenesis and/or cardiovascularization in mammals, including humans. Thus, 187 cDNA clones encoding secreted and/or transmembrane proteins were isolated from various human cDNA libraries using extracellular domain homol. screening, amylase screening, and signal algorithm anal. The proteins exhibit useful biol. activities in various assays: stimulation of endothelial cell proliferation, inducing cardiac hypertrophy, inducing endothelial cell apoptosis, stimulating smooth muscle cell growth, inducing angiogenesis by stimulating endothelial cell tube formation in HUVEC cells, and induction of c-fos in HUVEC cells. Pharmaceutical compns. are based on polypeptides or antagonists thereto that have been identified for one or more of these uses. Disorders that can be diagnosed, prevented, or treated by the compns. herein include trauma such as wounds, various cancers, and disorders of the vessels including atherosclerosis and cardiac hypertrophy. In addn., the present invention is directed to novel polypeptides and to nucleic acid mols. encoding those polypeptides. Also provided herein are vectors and host cells comprising those nucleic acid sequences, chimeric polypeptide mols. comprising the polypeptides of the present invention fused to heterologous polypeptide sequences, **antibodies** which bind to the polypeptides of the present invention and to methods for producing the polypeptides of the present invention.

L5 ANSWER 3 OF 5 HCAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 2001:417147 HCAPLUS

DOCUMENT NUMBER: 135:29838

TITLE: Secreted and transmembrane proteins identified by sequence comparison and cDNAs encoding them and their uses

INVENTOR(S): Baker, Kevin; Beresini, Maureen; Deforge, Laura; Desnoyers, Luc; Filvaroff, Ellen; Gao, Wei Qiang; Gerritsen, Amry E.; Goddard, Audrey; Godowski, Paul J.; Gurney, Austin L.; Gherwood, Steven; Smith, Victoria; Stewart, Timothy A.; Tumas, Daniel; Watanabe, Colin K.; Wood, William I.; Zhang, Zemin

PATENT ASSIGNEE(S): Genentech, Inc., USA

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 PATENT INFORMATION:

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AB The present invention is directed to novel polypeptides and to nucleic acid mols. encoding those polypeptides. Also provided herein are vectors and host cells comprising those nucleic acid sequences, chimeric polypeptide mols. comprising the polypeptides of the present invention fused to heterologous polypeptide sequences, **antibodies** which bind to the polypeptides of the present invention and to methods for producing the polypeptides of the present invention. The proteins show overexpression in cancer and may of diagnostic use. Certain of the proteins were found to form complexes with one another.

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INVENTOR(S): Baker, Kevin P.; Botstein, David; Eaton, Dan L.; Ferrara, Napoleone; Filvaroff, Ellen; Gerritsen, Mary E.; Goddard, Audrey; Godowski, Paul J.; Grimaldi, Christopher J.; Gurney, Austin L.; Hillan, Kenneth J.; Kljavin, Ivar J.; Napier, Mary A.; Roy, Margaret Ann; Tumas, Daniel; Wood, William I.

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WO 2000-US13705	W	20000517
WO 2000-US14042	W	20000522
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WO 2000-US30952	W	20001108
WO 2000-US32678	W	20001201
WO 2001-US6520	W	20010228
US 2001-866028	A1	20010525
US 2001-880457	A	20010612

AB The present invention is directed to secreted and transmembrane polypeptides and to nucleic acid mols. encoding those polypeptides. Eighteen cDNAs were identified by screening the deduced amino acid sequences for extracellular domain homol., and the cDNA clones isolated by amylase screening. Also provided herein are vectors and host cells

comprising those nucleic acid sequences, chimeric polypeptide mols.
comprising the polypeptides of the present invention fused to heterologous
polypeptide sequences, **antibodies** which bind to the polypeptides
of the present invention, and to methods for producing the polypeptides of
the present invention.

L5 ANSWER 5 OF 5 HCAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 1999:375661 HCAPLUS

DOCUMENT NUMBER: 131:28644

TITLE: Human cDNAs encoding secreted and transmembrane
polypeptidesINVENTOR(S): Wood, William I.; Goddard, Audrey; Gurney, Austin L.;
Yuan, Jean; Baker, Kevin P.; Chen, Jian

PATENT ASSIGNEE(S): Genentech, Inc., USA

SOURCE: PCT Int. Appl., 123 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 113

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9928462	A2	19990610	WO 1998-US25108	19981201
WO 9928462	A3	19991014		
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
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GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,
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BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

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US 2003008353 A1 20030109

US 2002-176758 20020621

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WO 1998-US19330	W	19980916
EP 1998-960440	A3	19981201
WO 1998-US25108	W	19981201
US 1998-112850P	P	19981216
US 1998-216021	B1	19981216
US 1998-113296P	P	19981222
US 1998-218517	B1	19981222
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US 1999-254311	A1	19990303
WO 1999-US5028	W	19990308
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 WO 2001-US6520 W 20010228
 US 2001-866028 A1 20010525
 US 2001-880457 A 20010612
 US 2001-941992 A1 20010828
 US 2002-52586 A1 20020115

AB The present invention is directed to novel polypeptides and to nucleic acid mols. encoding those polypeptides. Seventeen cDNAs encoding fifteen secreted and/or transmembrane protein products are provided. Also provided herein are vectors and host cells comprising those nucleic acid sequences, chimeric polypeptide mols. comprising the polypeptides of the present invention fused to heterologous polypeptide sequences, **antibodies** which bind to the polypeptides of the present invention and to methods for producing the polypeptides of the present invention.

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 L4 23 SEA FILE=HCAPLUS L2
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 L6 14 SEA FILE=HCAPLUS L4 AND (ANTIBOD? OR IMMUNOGLOBULIN# OR
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 L7 9 SEA FILE=HCAPLUS L6 NOT L5

=> d ibib abs 17 1-9

L7 ANSWER 1 OF 9 HCAPLUS COPYRIGHT 2003 ACS

Foley 09/944,457

ACCESSION NUMBER: 2002:702433 HCAPLUS
Correction of: 2002:256424
DOCUMENT NUMBER: 137:196769
Correction of: 136:243000
TITLE: Human nucleic acids and their encoded proteins and
antibodies
INVENTOR(S): Rosen, Craig A.; Birse, Charles E.
PATENT ASSIGNEE(S): Human Genome Sciences, Inc., USA
SOURCE: PCT Int. Appl., 1243 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 90
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002026930	A2	20020404	WO 2001-US29838	20010925
WO 2002026930	C2	20020704		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			

PRIORITY APPLN. INFO.:

US 2000-235484P P 20000926

AB The present invention relates to novel proteins. More specifically, 176 isolated cDNA mols. are provided encoding novel human polypeptides. Novel polypeptides and **antibodies** that bind to these polypeptides are provided. Also provided are vectors, host cells, and recombinant and synthetic methods for producing human polynucleotides and/or polypeptides, and **antibodies**. The invention further relates to diagnostic and therapeutic methods useful for diagnosing, treating, preventing and/or prognosing disorders related to these novel polypeptides. The invention further relates to screening methods for identifying agonists and antagonists of polynucleotides and polypeptides of the invention. The present invention further relates to methods and/or compns. for inhibiting or enhancing the prodn. and function of the polypeptides of the present invention.

L7 ANSWER 2 OF 9 HCAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 2002:575296 HCAPLUS
DOCUMENT NUMBER: 137:152024
TITLE: Methods of diagnosis of breast cancer, compositions
and methods of screening for modulators of breast
cancer
INVENTOR(S): Mack, David H.; Gish, Kurt C.; Afar, Daniel
PATENT ASSIGNEE(S): EOS Biotechnology, Inc., USA
SOURCE: PCT Int. Appl., 414 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 4
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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WO 2002059377      A2      20020801      WO 2002-US2242      20020124
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    UA, UG, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW:  GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH,
    CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR,
    BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

WO 2002059377      A2      20020801      WO 2002-XA2242      20020124
W:  AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,
    CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,
    GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,
    LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH,
    PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ,
    UA, UG, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW:  GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH,
    CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR,
    BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

WO 2002059377      A2      20020801      WO 2002-XB2242      20020124
W:  AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,
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    GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,
    LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH,
    PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ,
    UA, UG, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW:  GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH,
    CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR,
    BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

WO 2002059377      A2      20020801      WO 2002-XC2242      20020124
W:  AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,
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    GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,
    LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH,
    PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ,
    UA, UG, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW:  GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH,
    CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR,
    BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

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PRIORITY APPLN. INFO.:

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US 2001-263965P  P  20010124
US 2001-265928P  P  20010202
US 2001-282698P  P  20010409
US 2001-829472   A  20010409
US 2001-288590P  P  20010504
US 2001-294443P  P  20010529
WO 2002-US2242   W  20020124

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AB The invention concerns genes whose expression are up-regulated or down-regulated in breast cancer. Related methods and compns. that can be used for diagnosis and treatment of breast cancer are disclosed. Also described herein are methods that can be used to identify modulators of breast cancer.

L7 ANSWER 3 OF 9 HCAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 2001:828445 HCAPLUS

DOCUMENT NUMBER: 136:396992

TITLE: Human nucleic acids and polypeptides and their diagnostic and therapeutic uses

INVENTOR(S): Drmanac, Rodoje T.; Liu, Chenghua; Tang, Y. Tom
 PATENT ASSIGNEE(S): Hyseq, Inc., USA
 SOURCE: PCT Int. Appl., 103 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 76
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001075067	A2	20011011	WO 2001-XI8631	20010330
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
WO 2001075067	A2	20011011	WO 2001-US8631	20010330
WO 2001075067	A3	20020404		
WO 2001075067	C2	20021031		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
PRIORITY APPLN. INFO.:			US 2000-540217	A 20000331
			US 2000-649167	A 20000823
			WO 2001-US8631	W 20010330

AB The present invention provides 30,368 nucleic acids and the 30,368 novel human polypeptide sequences encoded by these nucleic acids. A plurality of novel nucleic acids are obtained from cDNA libraries prep'd. from various human tissues and in some cases isolated from a genomic library derived from human chromosomes using std. PCR, sequencing by hybridization signature anal., and Sanger sequencing techniques. Nearest neighbor results are identified by sequence homol. searching. The invention also relates to therapeutic, diagnostic, and research utilities for these polynucleotides and proteins. [This abstr. record is one of ten records for this document necessitated by the large no. of index entries required to fully index the document and publication system constraints.].

L7 ANSWER 4 OF 9 HCAPLUS COPYRIGHT 2003 ACS
 ACCESSION NUMBER: 2001:565205 HCAPLUS
 DOCUMENT NUMBER: 135:163402
 TITLE: Human nucleic acids and their encoded proteins and antibodies
 INVENTOR(S): Rosen, Craig A.; Barash, Steven C.; Ruben, Steven M.
 PATENT ASSIGNEE(S): Human Genome Sciences, Inc., USA
 SOURCE: PCT Int. Appl., 753 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English

FAMILY ACC. NUM. COUNT: 90
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001055326	A2	20010802	WO 2001-US1347	20010117
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
AU 2001041413	A5	20010807	AU 2001-41413	20010117
AU 2001041416	A5	20010807	AU 2001-41416	20010117
AU 2001041417	A5	20010807	AU 2001-41417	20010117
AU 2001050770	A5	20010807	AU 2001-50770	20010117
US 2002042096	A1	20020411	US 2001-764887	20010117
US 2002077270	A1	20020620	US 2001-764848	20010117
US 2002086811	A1	20020704	US 2001-764861	20010117
US 2002086820	A1	20020704	US 2001-764862	20010117
US 2002086821	A1	20020704	US 2001-764881	20010117
US 2002086822	A1	20020704	US 2001-764886	20010117
US 2002086823	A1	20020704	US 2001-764889	20010117
US 2002086330	A1	20020704	US 2001-764893	20010117
US 2002090615	A1	20020711	US 2001-764878	20010117
US 2002090674	A1	20020711	US 2001-764903	20010117
US 2002094953	A1	20020718	US 2001-764860	20010117
US 2002102638	A1	20020801	US 2001-764846	20010117
US 2002119919	A1	20020829	US 2001-764855	20010117
US 2002132767	A1	20020919	US 2001-764847	20010117
US 2002147140	A1	20021010	US 2001-764877	20010117
US 2002151479	A1	20021017	US 2001-764873	20010117
US 2002161208	A1	20021031	US 2001-764884	20010117
US 2002164685	A1	20021107	US 2001-764857	20010117
US 2002173454	A1	20021121	US 2001-764904	20010117
AU 2001052878	A5	20010807	AU 2001-52878	20010129
AU 2001043137	A5	20010814	AU 2001-43137	20010205
US 2002045230	A1	20020418	US 2001-908711	20010720
US 2003013649	A1	20030116	US 2001-989442	20011121
PRIORITY APPLN. INFO.:			US 2000-179065P	P 20000131
			US 2000-180628P	P 20000204
			US 2000-184664P	P 20000224
			US 2000-186350P	P 20000302
			US 2000-189874P	P 20000316
			US 2000-190076P	P 20000317
			US 2000-198123P	P 20000418
			US 2000-205515P	P 20000519
			US 2000-209467P	P 20000607
			US 2000-214886P	P 20000628
			US 2000-215135P	P 20000630
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			US 2000-216880P	P 20000707
			US 2000-217487P	P 20000711
			US 2000-217496P	P 20000711
			US 2000-218290P	P 20000714
			US 2000-220963P	P 20000726

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US 2000-224518P	P	20000814
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US 2000-226279P	P	20000818
US 2000-226681P	P	20000822
US 2000-226868P	P	20000822
US 2000-227182P	P	20000822
US 2000-227009P	P	20000823
US 2000-228924P	P	20000830
US 2000-229343P	P	20000901
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US 2000-229287P	P	20000901
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US 2000-229509P	P	20000905
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US 2000-231413P	P	20000908
US 2000-232398P	P	20000914
US 2000-234223P	P	20000921
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US 2000-235834P	P	20000927
US 2000-236327P	P	20000929
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US 2000-236369P	P	20000929
US 2000-236370P	P	20000929
US 2000-236802P	P	20001002
US 2000-237037P	P	20001002
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US 2000-249299P	P	20001117
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US 2000-251856P	P	20001208
US 2000-251868P	P	20001208
US 2000-251869P	P	20001208
US 2000-251990P	P	20001208
US 2001-764853	A2	20010117
US 2001-764856	A2	20010117
US 2001-764863	B1	20010117
US 2001-764864	A2	20010117
US 2001-764867	A2	20010117
US 2001-764868	A2	20010117
US 2001-764869	A2	20010117
US 2001-764870	A2	20010117
US 2001-764874	A2	20010117

US 2001-764882	A2 20010117
US 2001-764888	A2 20010117
US 2001-764891	A2 20010117
US 2001-764892	A2 20010117
US 2001-764896	A2 20010117
US 2001-764898	A2 20010117
US 2001-764902	A2 20010117
US 2001-764905	A2 20010117
WO 2001-US1239	A2 20010117
WO 2001-US1307	A2 20010117
WO 2001-US1312	A2 20010117
WO 2001-US1320	A2 20010117
WO 2001-US1329	A2 20010117
WO 2001-US1334	A2 20010117
WO 2001-US1336	A2 20010117
WO 2001-US1339	A2 20010117
WO 2001-US1340	A2 20010117
WO 2001-US1341	A2 20010117
WO 2001-US1344	A2 20010117
WO 2001-US1345	A2 20010117
WO 2001-US1347	A2 20010117
WO 2001-US1348	A2 20010117
WO 2001-US1360	A2 20010117

AB The present invention relates to novel polynucleotides and the polypeptides encoded by these polynucleotides. More specifically, 233 isolated cDNA mols. are provided encoding novel polypeptides. Novel polypeptides and **antibodies** that bind to these polypeptides are provided. Also provided are vectors, host cells, and recombinant and synthetic methods for producing human polynucleotides and/or polypeptides. The invention further relates to diagnostic and therapeutic methods useful for diagnosing, treating, preventing and/or prognosing disorders related to the novel polypeptides. The invention further relates to screening methods for identifying agonists and antagonists of polynucleotides and polypeptides of the invention. The present invention further relates to methods and/or compns. for inhibiting the prodn. and function of the polypeptides of the present invention. The Sequence Listing was provided as an electronic file, but was not made available in the release of this patent.

L7 ANSWER 5 OF 9 HCAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 2001:545709 HCAPLUS

DOCUMENT NUMBER: 135:148240

TITLE: Human nucleic acids and polypeptides

INVENTOR(S): Tang, Y. Tom; Liu, Chenghua; Asundi, Vinod; Chen, Rui-hong; Ma, Yunqing; Qian, Xiaohong B.; Ren, Feiyan; Wang, Dunrui; Wang, Jian-rui; Wang, Zhiwei; Wehrman, Tom; Xu, Chongjun; Xue, Aidong J.; Yang, Yonghong; Zhang, Jie; Zhao, Qing A.; Zhou, Ping; Goodrich, Ryle; Drmanac, Radoje T.

PATENT ASSIGNEE(S): Hyseq, Inc., USA; et al.

SOURCE: PCT Int. Appl., 10078 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 76

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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WO 2001053312 A1 20010726 WO 2000-US34263 20001226
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,
CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR,
HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT,
LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU,
SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN,
YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,
DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF,
BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
AU 2001025965 A5 20010731 AU 2001-25965 20001222
AU 2001027284 A5 20010731 AU 2001-27284 20001226
EP 1242443 A1 20020925 EP 2000-990231 20001226
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
IE, SI, LT, LV, FI, RO, MK, CY, AL, TR
US 2002197679 A1 20021226 US 2002-98841 20020313
PRIORITY APPLN. INFO.: US 2000-488725 A 20000121
US 2000-552317 A 20000425
US 2000-598042 A 20000709
US 2000-620312 A 20000719
US 2000-653450 A 20000831
US 2000-662191 A 20000915
US 2000-693036 A 20001019
US 2000-727344 A 20001129
US 1999-471275 A 19991223
WO 2000-US35190 W 20001222
WO 2000-US34263 W 20001226

AB The present invention provides 1768 novel nucleic acids, novel polypeptide sequences encoded by these nucleic acids, and uses thereof. A plurality of novel nucleic acids were obtained from cDNA libraries prep'd. from various human tissues and in some cases from a genomic library derived from human chromosomes using std. PCR, sequencing by hybridization (SBH) sequence signature anal., and Sanger sequencing techniques. The contigs or nucleic acids of the present invention were assembled using an EST sequence as a seed, with a recursive algorithm used to extend the seed EST into an extended assemblage by pulling addnl. sequences from different databases that belong to this assemblage. Full-length gene cDNA sequences and their corresponding protein sequences were generated from the assemblage.

REFERENCE COUNT: 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 6 OF 9 HCAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 2001:106057 HCAPLUS
DOCUMENT NUMBER: 134:188987
TITLE: Human expressed sequence tags and primers for synthesizing full-length cDNAs
INVENTOR(S): Ota, Toshio; Isogai, Takao; Nishikawa, Tetsuo; Hayashi, Kohji; Saito, Kaoru; Yamamoto, Junichi; Ishii, Shizuko; Sugiyama, Tomoyasu; Wakamatsu, Ai; Nagai, Keiichi; Otsuki, Tetsuji
PATENT ASSIGNEE(S): Helix Research Institute, Japan
SOURCE: Eur. Pat. Appl., 2527 pp.
CODEN: EPXXDW
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 9
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1074617	A2	20010207	EP 2000-116126	20000728
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
JP 2002171977	A2	20020618	JP 2000-196309	20000626
EP 1205549	A1	20020515	EP 2000-948282	20000728
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL				
JP 2002191363	A2	20020709	JP 2000-280990	20000728
US 2003017480	A1	20030123	US 2002-60065	20020129
PRIORITY APPLN. INFO.:				
			JP 1999-248036	A 19990729
			JP 1999-300253	A 19990827
			JP 2000-118776	A 20000111
			JP 2000-183767	A 20000502
			JP 2000-241899	A 20000609
			US 1999-159590P	P 19991018
			US 2000-183322P	P 20000217
			WO 2000-JP5061	A2 20000728
			WO 2000-JP5065	W 20000728

AB Primers for synthesizing full-length cDNAs and their use are provided. The invention provides 5'-end sequences for 5602 partial cDNA sequences (expressed sequence tags, ESTs) and 3'-end sequences for 4970 of these clones. Furthermore, primers for synthesizing the full-length cDNA have been provided to clarify the function of the protein encoded by the cDNA. The full-length cDNA sequences s of the present invention contg. the translation start site provides information useful for analyzing the functions of the proteins. Tissue- and cell-specific expression patterns are also provided. [This abstr. record is one of 6 records for this patent necessitated by the large no. of index entries required to fully index the document and publication system constraints.]

L7 ANSWER 7 OF 9 HCAPLUS COPYRIGHT 2003 ACS
 ACCESSION NUMBER: 2000:710448 HCAPLUS
 DOCUMENT NUMBER: 133:262341
 TITLE: Expressed sequence tags and encoded human proteins
 INVENTOR(S): Dumas Milne Edwards, Jean-Baptiste; Duclert, Aymeric; Giordano, Jean-Yves
 PATENT ASSIGNEE(S): Genset, Fr.
 SOURCE: Eur. Pat. Appl., 71 pp.
 CODEN: EPXXDW
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 8
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1033401	A2	20000906	EP 2000-200610	20000221
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
JP 2001269182	A2	20011002	JP 2000-118773	20000224
PRIORITY APPLN. INFO.:				
			US 1999-122487P	P 19990226
AB The sequences of 5' ESTs derived from human mRNAs encoding secreted proteins are disclosed. The 5' ESTs may be to obtain cDNAs and genomic DNAs corresponding to the 5' ESTs. The 5' ESTs may also be used in diagnostic, forensic, gene therapy, and chromosome mapping procedures. Upstream regulatory sequences may also be obtained using the 5' ESTs. The 5' ESTs may also be used to design expression vectors and secretion				

vectors. [This abstr. record is the second of 8 records for this document necessitated by the large no. of index entries required to fully index the document and publication system constraints.]

L7 ANSWER 8 OF 9 HCAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 1999:673017 HCAPLUS

DOCUMENT NUMBER: 131:307686

TITLE: 5'-Expressed sequence tags for secreted proteins identified from human tissues

INVENTOR(S): Dumas Milne Edwards, Jean-Baptiste; Duclert, Aymeric; Giordano, Jean-Yves

PATENT ASSIGNEE(S): Genset S. A., Fr.

SOURCE: PCT Int. Appl., 837 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9953051	A2	19991021	WO 1999-IB712	19990409
WO 9953051	A3	20000406		
W: AU, CA, JP, US				
RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
CA 2319089	AA	19991021	CA 1999-2319089	19990409
AU 9930501	A1	19991101	AU 1999-30501	19990409
EP 1068312	A2	20010117	EP 1999-912007	19990409
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
JP 2002511259	T2	20020416	JP 2000-543599	19990409
PRIORITY APPLN. INFO.:				
			US 1998-57719	A 19980409
			US 1998-69047	A 19980428
			WO 1999-IB712	W 19990409

AB The sequences of the 5' ends of 788 expressed sequence tags (ESTs) derived from mRNAs encoding human secreted proteins are disclosed. Chem. and enzymic methods of obtaining mRNAs with intact 5' ends, computer anal. of the isolated 5' ESTs, generation of consensus contigated 5' ESTs, and identification of open reading frames and potential signal sequences are described. Total human RNA or poly(A)+ RNAs derived from 29 different tissues were purchased from LABIMO and CLONTECH and used to generate 44 cDNA libraries. Prepns. of mRNAs with <5% of rRNA and uncontaminated by exogenous sequences (prokaryotic or fungal) were used in library construction. Seven hundred five of the nucleic acids have an incomplete ORF which encodes a signal peptide, 47 have an incomplete ORF in which no sequence encoding a signal peptide has been identified, 27 have a complete ORF which encodes a signal peptide, and 19 have a complete ORF in which no sequence encoding a signal peptide has been identified. Tissue of origin and spatial and temporal tissue expression patterns of mRNAs corresponding to each of the 5' ESTs are also provided. The 5' ESTs may be to obtain cDNAs, and genomic DNAs corresponding to the 5' ESTs. The 5' ESTs may also be used in diagnostic, forensic, gene therapy, and chromosome mapping procedures. Upstream regulatory sequences may also be obtained using the 5' ESTs. The 5' ESTs may also be used to design expression vectors and secretion vectors.

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 identified from various human tissues
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 PATENT ASSIGNEE(S): Genset, Fr.
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AU 9885556	A1	19990222	AU 1998-85556	19980731
EP 1000151	A2	20000517	EP 1998-936595	19980731
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JP 2002525024	T2	20020813	JP 2000-505294	19980731
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			US 1997-905051	A 19970801
			WO 1998-IB1237	W 19980731
AB The sequences of the 5' ends of 147 expressed sequence tags (ESTs) derived from mRNAs encoding human secreted proteins expressed in various tissues are disclosed. Chem. and enzymic methods of obtaining mRNAs with intact 5' ends are described: (1) a chem. modification method involving derivatization of the 5' ends of the mRNAs and selection of the derivatized mRNAs, and (2) treatment with alk. phosphatase to remove the phosphate groups present on the 5' ends of uncapped incomplete mRNAs and treatment with a decapping enzyme such as T4 polynucleotide kinase or tobacco acid pyrophosphatase to remove the cap present on full-length mRNAs. The 5' ESTs are screened to identify those having an uninterrupted open reading frame longer than 45 nucleotides beginning with an ATG codon and extending to the end of the EST, and then search to identify potential signal motifs with a score of at least 3.5 in the Von Heijne signal peptide identification matrix. The 5' ESTs may be to obtain cDNAs, and genomic DNAs corresponding to the 5' ESTs. The 5' ESTs may also be used in diagnostic, forensic, gene therapy, and chromosome mapping procedures. Upstream regulatory sequences may also be obtained using the 5' ESTs. The 5' ESTs may also be used to design expression vectors and secretion vectors.				